

5.7.15 Major Residential and Small Commercial Appliance Lifetimes, Ages, and Replacement Picture

<u>Appliance Type</u>	<u>Typical Service Lifetime Range (years)</u>	<u>Average Lifetime (years)</u>	<u>2001 Average Stock Age (years)</u>	<u>Units to be Replaced During 2009 (1,000s)</u>
Refrigerators (1)	10 - 16	12	8	7,924
Freezers	8 - 16	11	12	2,020
Room Air Conditioners	7 - 13	9	8	6,496
Microwave Ovens	7 - 10	9	N.A.	12,725
Ranges (2)				
Electric	12 - 19	16	N.A.	4,348
Gas	14 - 22	17	N.A.	2,594
Clothes Washers	7 - 14	11	N.A.	6,835
Clothes Dryers				
Electric	8 - 15	12	N.A.	4,115
Gas	8 - 15	12	N.A.	1,195
Water Heaters				
Electric	4 - 20	13	9	4,147
Gas	7 - 15	11	9	4,671
Facsimile Machines	3 - 5	4	N.A.	3,838
Portable Computers	2 - 4	3	N.A.	20,350

Note(s): 1) Excluding compact refrigerators. 2) Ranges include free-standing, built-in, high-oven and cooktop/oven combination units.

Source(s): Appliance Magazine, A Portrait of the U.S. Appliance Industry, Sep. 2008, p. 44 for service and average lifetimes and units to be replaced;
EIA, A Look at Residential Energy Consumption in 2001, Apr. 2004, Table HC4-1a and Table HC5-1a for average stock ages.